

**ORGANIZATIONAL, DIRECT SUPPORT,  
AND GENERAL SUPPORT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS LIST  
(INCLUDING DEPOT MAINTENANCE  
REPAIR PARTS AND SPECIAL TOOLS)  
FOR**

**AIR CONDITIONER, VERTICAL, COM  
18,000 BTU, 208 VOLT, 3 PHASE, 400 H  
WEDJ MODEL VM 18000-400  
NSN 4120-00-152-1150**

General Support Maintenance  
Repair Parts and Special Tools List  
(Including Depot Maintenance Repair Parts and Special Tools)

For

AIR CONDITIONER, VERTICAL COMPACT, 18,000 BTU  
208 VOLTS, THREE PHASE, 400 HERTZ  
(WEDJ MODEL VM 18000-400)  
NSN 4120-00-152-1150

TM 5-4120-350-24P, 2 November 1979, is changed as follows:

1. Remove and insert pages as indicated below. New or changed pages are indicated by a vertical bar in the margin. An illustration change is indicated by a miniature pointing hand.

Remove pages

i/ii

9 through 12

17 through 20

29 and 30

33 through 35

Insert pages

i/ii

9 through 12

17 through 20

29 and 30

33 through 35

2. Retain this sheet in front of manual for reference purposes.

Order of the Secretary of the Army:

JOHN A. WICKHAM  
General, United States Army  
Chief of Staff

Special:

R. L. DILWORTH  
Major General, United States Army  
The Adjutant General

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To be distributed in accordance with DA Form 12-25A, Organizational Requirements for General Support and General Support Maintenance requirements for Air Conditioner, Vertical Compact, 18,000 BTU, 208V, 400HZ, 3PH (VM 18000-400)

CHANGE }  
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HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, D.C., 20315

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GENERAL SUPPORT MAINTENANCE  
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Section II	7 and 8 29 and 30	7 and 8 29 and 30

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**JOHN A. WICKHAM**  
*General, United States Army*  
*Chief of Staff*

**ROBERT M. JOYCE**  
*Major General, United States Army*  
*The Adjutant General*

DISTRIBUTION:

**REPAIR PARTS AND SPECIAL TOOLS LIST  
INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL  
FOR**

**AIR CONDITIONER, VERTICAL COMPACT, 18,000 BTU  
208 VOLTS, THREE PHASE, 400 HERTZ  
(WEDJ MODEL VM 18000-400  
NSN-4120-00-152-1150**

Current as of September 1979

**REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U.S. Army Troop Support Command, ATTN: AMSTR-MCTS, 4300 Goodfellow Boulevard, St. Louis, MO 63120-1798. A reply will be furnished directly to you.

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support equipment required for operation and maintenance of organizational, direct support, depot and depot maintenance of the Air Force.

1.

**Section II - Repair Parts List.** A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which are removed for replacement of the authorized parts. Its lists are composed of assembly groups arranged in numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, and are grouped in Section II.

**Section III - Special Tools List.** Not applicable.

**Section IV - National Stock Number and Part Number Index.** A list, in ascending numerical sequence, of all National Stock Numbers (NSN) appearing in the listings, followed by a list, in alphabetical sequence of all part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration and item number appearance.

### Explanation of Columns.

The following provides an explanation of columns used in the tabular listing.

**Figure Number.** This column is divided as follows:

**Figure Number.** Indicates the figure number of the illustration in which the item is located.

**Item Number.** The number used to identify the item called out in the illustration.

to support items to indicate the manner of procuring support items for maintenance, repair, and overhaul of end items. Source codes are entered in the first and second positions of the Uniform Format as follows:

Code	Definition
PA	Item procured and stocked for initial issue or known usage.
PB	Item procured and stocked for initial issue for purposes because essentially required that a minimum quantity be stocked in the supply systems.
PC	Item procured and stocked for initial issue otherwise would be coded PA if it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue, fitted and stocked only for subsequent additional initial issues or replacements. Not subject to automatic replacement.
PE	Support equipment procured for initial issue or outfitting for maintenance repair activities.
PF	Support equipment which is stocked but which will be procured on demand.
PG	Item procured and stocked to provide sustained support for the equipment. It is applied to an item peculiar to the equipment which, because of probable discontinuance or obsolescence at production facilities, would be uneconomical to reproduce at a depot level.
KD	An item of a depot overhaul kit and not purchased separately. Defined as a kit that provides the parts required at the time of overhaul.
KF	An item of a maintenance kit purchased separately. Mainly defined as a kit that provides the parts that can be replaced at organizational or intermediate levels of maintenance.

Item included in both a depot overhaul/repair kit and a maintenance kit.

Item to be manufactured or fabricated at organizational level.

Item to be manufactured or fabricated at the direct support maintenance level.

Item to be manufactured or fabricated at the general support maintenance level.

Item to be manufactured or fabricated at the depot support maintenance level.

Item to be assembled at organizational level.

Item to be assembled at direct support maintenance level.

Item to be assembled at general support maintenance level.

Item to be assembled at depot maintenance level.

Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.

Item is not procured or stocked. If not available through salvage, requisition.

A support item that is not stocked. When required, item will be procured through normal supply channels.

### NOTE

*Salvage or salvage may be as a source of supply for any source coded above except those and XA or XP.*

**Maintenance Code.** Maintenance codes are used to indicate the levels of maintenance applied to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format.

(1) The maintenance code entered in the third position will indicate the lowest maintenance action authorized to remove, replace, and use the support item. The maintenance code entered in the fourth position will indicate one of the following levels:

- O Support item is removed, repaired, and replaced at the organizational level.
- F Support item is removed, repaired, and replaced at the direct support level.
- H Support item is removed, repaired, and replaced at the general support level.
- D Support items that are removed, replaced, used at depot, mobilized, and repaired for specialized repair activity only.

(b) The maintenance code entered in the fourth position indicates whether the item is repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). The fourth position will contain one of the following maintenance codes:

Code	Application/Explanation
O	The lowest maintenance level with the capability to perform complete repair of the support item at the organizational level.
F	The lowest maintenance level with the capability to perform complete repair of the support item at the direct support level.
H	The lowest maintenance level with the capability to perform complete repair of the support item at the general support level.
D	The lowest maintenance level with the capability to perform complete repair of the support item at the depot level.
L	Repair restricted to design and repair of Limited Repair Activity.
Z	Nonrepairable. No repair is authorized.
B	No repair is authorized. The item is to be removed, etc., at the user level. No parts or tools are procured for the maintenance of this item.

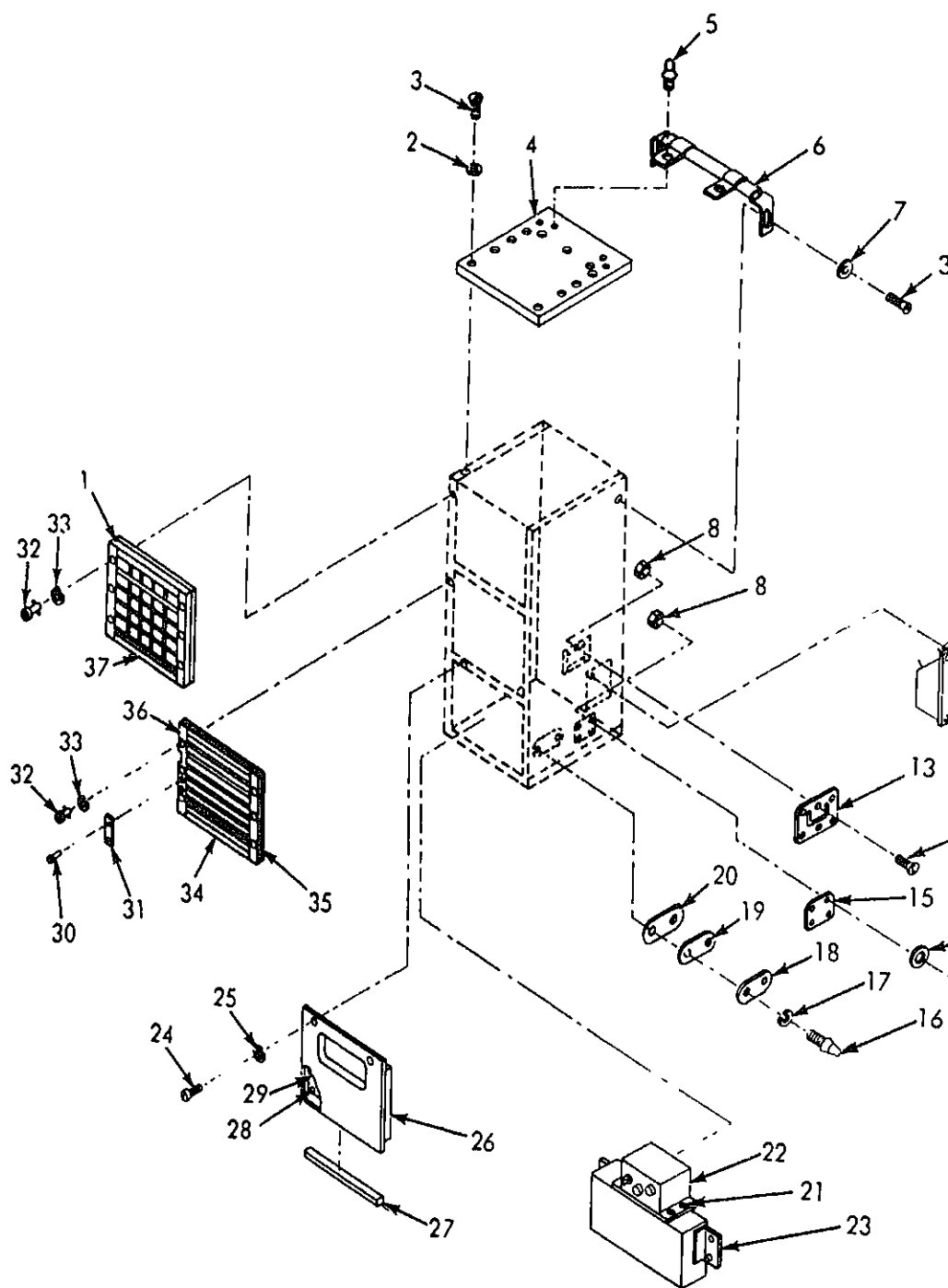
(3) **Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

Ascending ASN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item number.

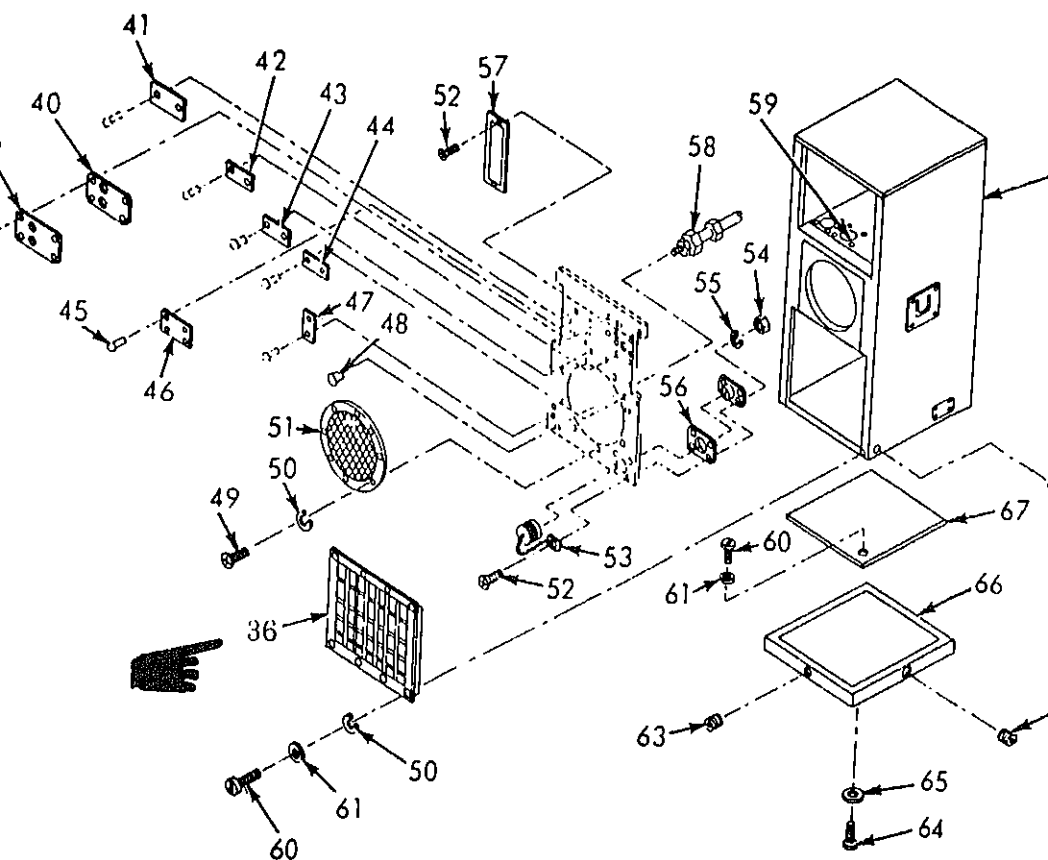
#### *Abbreviations*

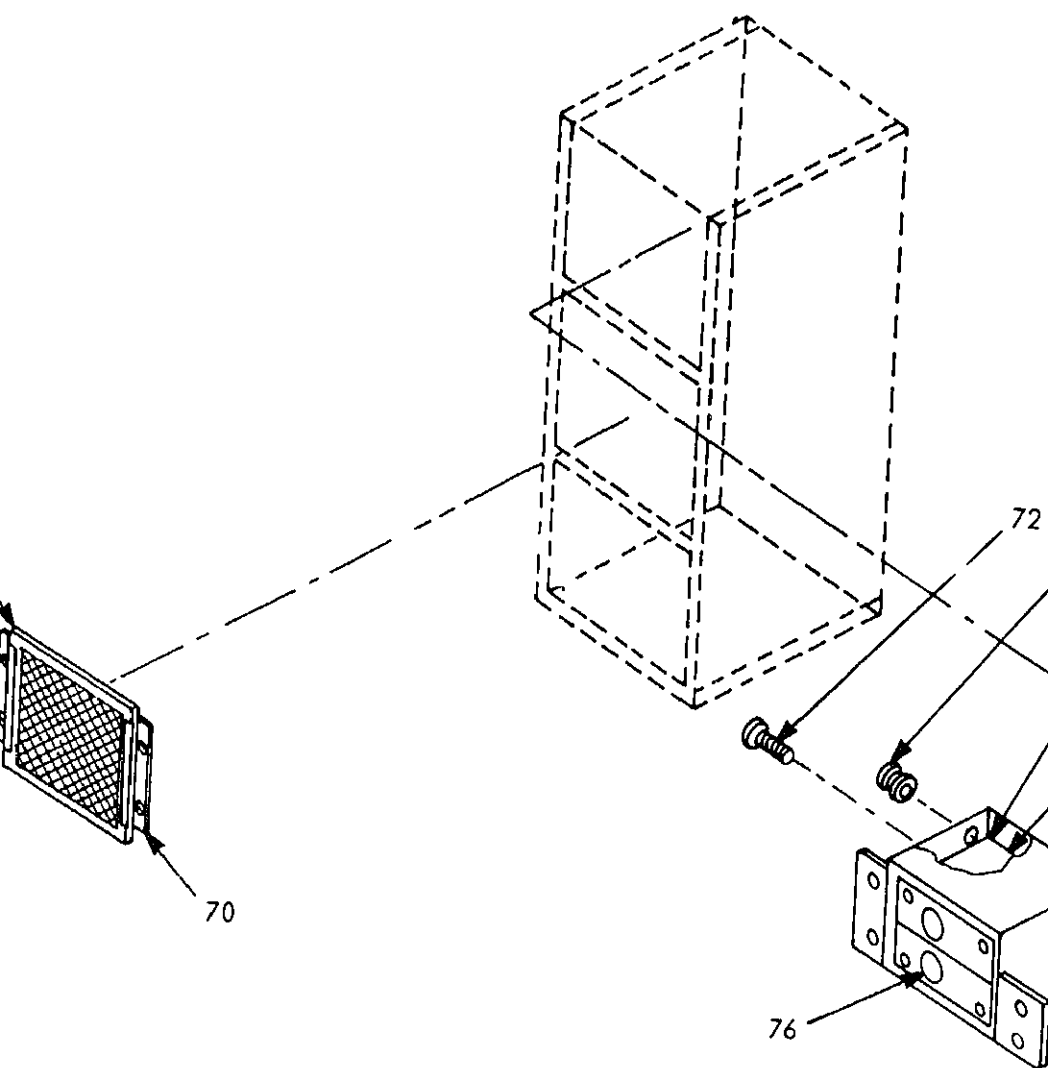
#### *Explanation*

deg	degree(s)
ea	each
ft	feet(foot)
grp	group
id	inside diam
in.	inch (es)
lg	long (length)
mtg	mounting (s)
No.	Number (s)
od	outside diam
u/w	used with





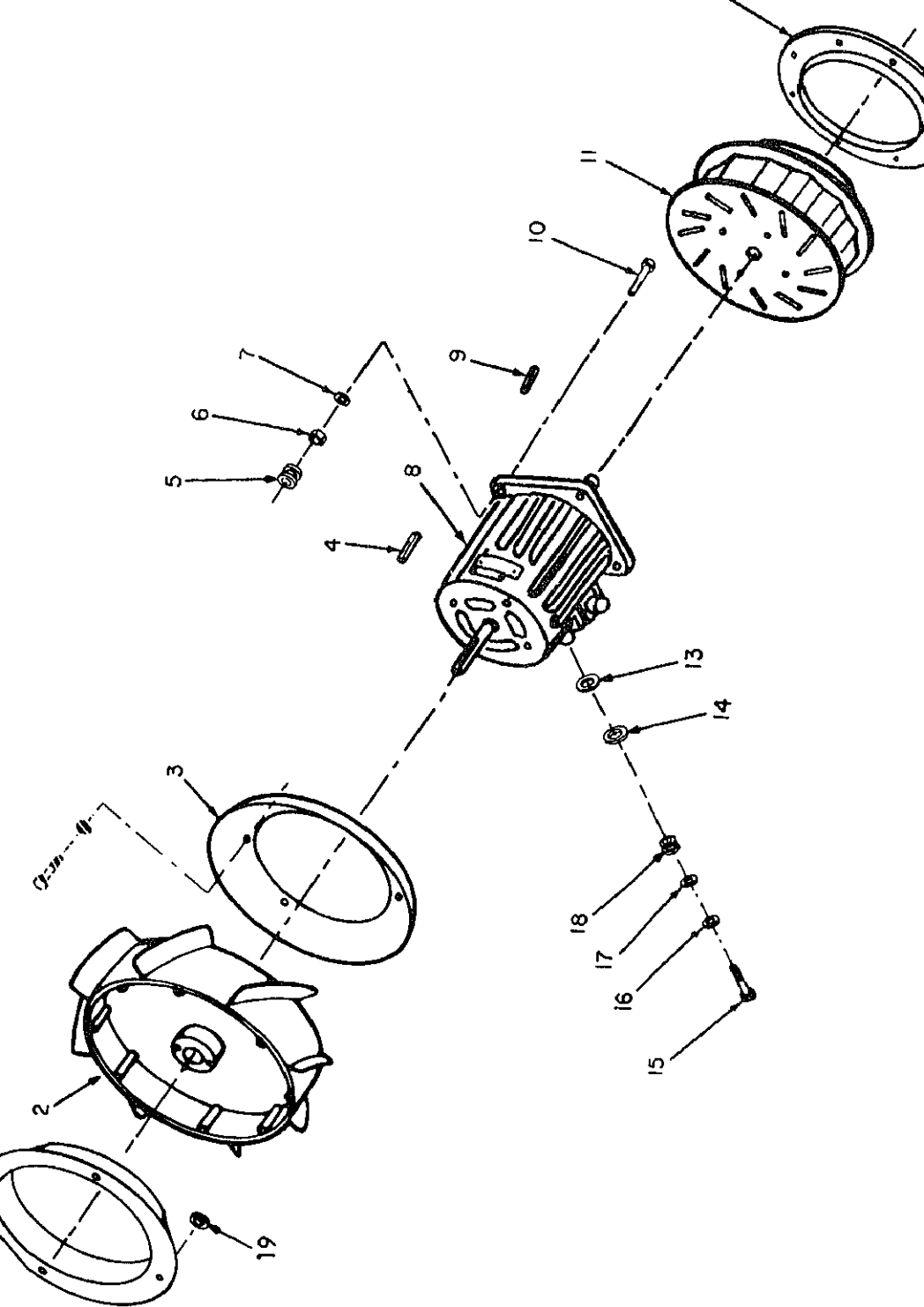




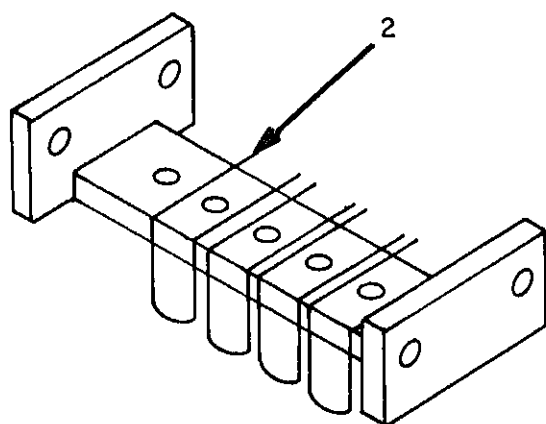
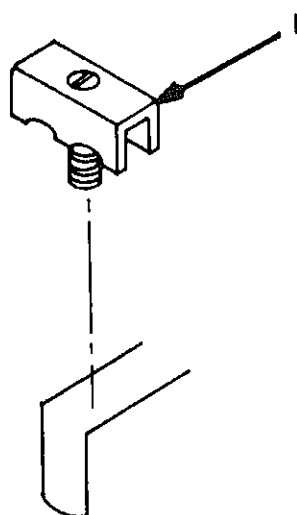
TM5-4120

0	CODE	NUMBER	NUMBER	FSCM	USABLE
					SECTION II. REPAIR PARTS LIST GROUP 01 - BODY, CHASSIS, PANELS, GRILLES, SCREWS AND FILTER
1	XBOSE		13215E9857	97403	GRILLE, METAL
2	PAOSE	5330-00-170-0127	MS1523C08F	80205	PACKING, PREFORMED
3	PAOSE	5305-00-984-6193	MS35206-245	96906	SCREW, MACHINE
4	XBOSE		13215E9892	97403	PANEL, TOP
5	PAOSE	5325-00-990-4149	13214E3647-2	97403	PASTENER, TURNBUTON
6	PAOSE	4130-01-051-7436	13217E2346	97403	OVER
7	PAOSE	5310-00-765-3197	MS27183-41	96906	NER, PLAT
8	PAOSE	5310-00-877-5798	MS2104403	96906	NUT, SELF-LOCKING
9	PAOSE	5915-01-051-2774	13218E9877	97403	FILTER, RF
10	XBOSE		13220E5618	97403	PLATE, RETAINER
11	PAOSE	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE
12	PAOSE	5305-00-984-7341	MS35191-273	96906	SCREW, MACHINE
13	XBOSE		MS35792-1	96906	HANDLE, BAIL
14	PAOSE	5305-00-984-6193	MS35206-245	96906	SCREW, MACHINE
15	PAOSE	5310-00-045-4007	MS35338-41	96906	WASHER, LOCK
16	XBOSE		13214E3471-5	97403	COVER
17	XBOSE		13215E9909-10	97403	STUD, TURNLOCK
18	PAOSE	5310-00-530-9963	13211E8386	97403	WASHER, LOCK
19	XBOSE		13217E2343-1	97403	PLATE
20	XBOSE		13217E2343-4	97403	GASKET
21	XBOSE		13217E2343	97403	PANEL, ACCESS
22	PAOSE	5305-00-989-7435	MS35207-264	96906	SCREW, MACHINE
23	PFOSE	4120-01-062-0698	13218E8492-1	97403	CONTROL PANEL ASSEMBLY
24	PFOSE		13217E2366-2	97403	JUNCTION BOX
25	PAOSE	5305-00-984-7441	13214E3744M34	97403	SCREW, PANEL
26	PAOSE	5310-00-880-9344	13211E8337	97403	WASHER, RETAINING
27	XBOSE		13215E9837	97403	PANEL, LOWER
28	XBOSE		13218E9879-2	97403	GASKET
29	PAOSE	5320-00-117-6828	MS20470AD4-6	96906	RIVET, SOLID
30	XBOSE		13215E9878-3	97403	PLATE, INSTRUCTION
31	PAOSE	5320-00-117-6938	MS20426AD3-4	96906	RIVET, SOLID
32	XBOSE		13217E2344	97403	PLATE, INSTRUCTION
33	PAOSE	5325-00-938-5913	13215E9909-17	97403	STUD, TURNLOCK
34	PAOSE	5310-00-530-9963	13211E8396	97403	WASHER, LOCK
35	XBOSE		13211E8210	97403	GRILLE, INTAKE
36	XBOSE		11ASOFT	81349	RUBBER, SHEET
37	XBOSE		13215E9854	97403	GRILLE, METAL
38	XBOSE		13217E6853	97403	GRILLE, DISCHARGE
39	PAOSE	5320-00-845-9501	MS20600B4W4	96906	RIVET, BLIND
40	XBOSE		13215E9847	97403	PLATE, INSTRUCTION
41	XBOSE		13215E9852	97403	GASKET

45	PAO22	5320-00-845-9501	MS20600B4W4	96906	RIVET, TUBULAR	
1	46	XBF22	13215E9860-4	97403	PLATE	
1	47	XBO22	13220E5617	97403	PLATE, INSTRUCTION	
1	48	XBO22	13217E6816	97403	KNOB	
1	49	PAO22	5305-00-984-6195	MS35206-247	96906	SCREW, MACHINE
1	50	PAO22	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK
1	51	XBO22	13211E8183	97403	GUARD, FAN	
1	52	PAC32	5305-01-025-5771	MS35206-217	96906	SCREW, MACHINE
1	53	XBC32	MS25043-220	96906	COVER, ELECTRICAL	
1	54	PAO22	5310-00-934-9739	MS35649-242	96906	NUT, PLAIN, HEXAGON
1	55	PAO22	5310-00-543-2410	MS35338-40	96906	WASHER, LOCK
1	56	XBC22	MS51007-8	96906	GASKET	
1	57	XPO22	13215E9858	97403	SCREEN, AIR	
1	58	XBO22	13217E6815-3	97403	CONTROL ASSEMBLY	
1	59	XBO22	13214E3471-2	97403	COVER	
1	60	PAO22	5305-00-984-6196	MS35206-248	96906	SCREW, MACHINE
1	61	PAO22	5310-00-045-3296	MS35338-43	96906	WASHER, LOCK
1	62	PAO22	5305-00-993-1848	MS35207-265	96906	SCREW, MACHINE
1	63	PAO22	4730-00-007-9399	13211E8178	97403	PLUG, PIPE
1	64	PAO22	5305-00-068-0514	MS90727-7	96906	SCREW, CAP, HEXAGON HEAD
1	65	PAO22	5310-00-543-2009	MS15795-710	96906	WASHER, FLAT
1	66	XBO22	13215E9865	97403	PANEL, BOTTOM	
1	67	XBF22	13219E2655	97403	BAR, FILLER	
1	68	XBF22	13215E9825	97403	CASING	
1	69	XBO22	13215E9841	97403	COVER, SWITCH	
1	70	XBO22	13215E9823	97403	RETAINER, FILTER	
1	71	PAO22	4130-00-981-6615	13211E6224	97403	FILTER
1	72	PAO22	5305-00-984-4984	MS35206-227	96906	SCREW, MACHINE
2	73	PAF22	5325-00-263-6632	MS35489-6	96906	GROMMET
1	74	PAF22	5930-00-463-3064	13216E7690-1	97403	SWITCH, PRESSURE
1	75	PAF22	5930-00-275-7800	13211E8404	97403	SWITCH, PRESSURE
1	76	PAF22	5930-00-911-9095	13214E4309	97403	SWITCH, PRESSURE
1		PAO22	5935-00-846-2328	MS3106R22-225	96906	CONNECTOR, PLUG
2		PAO22	5935-00-087-1667	MS3106R22-22P	96906	CONNECTOR, PLUG

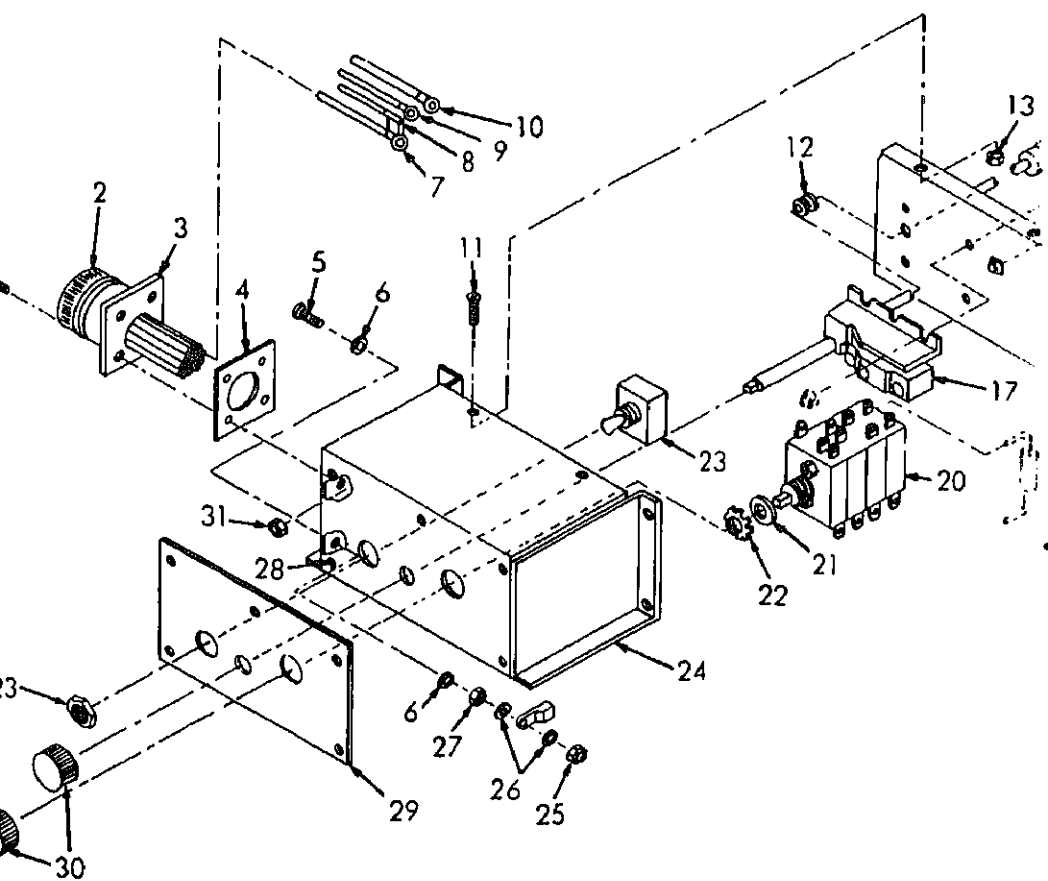


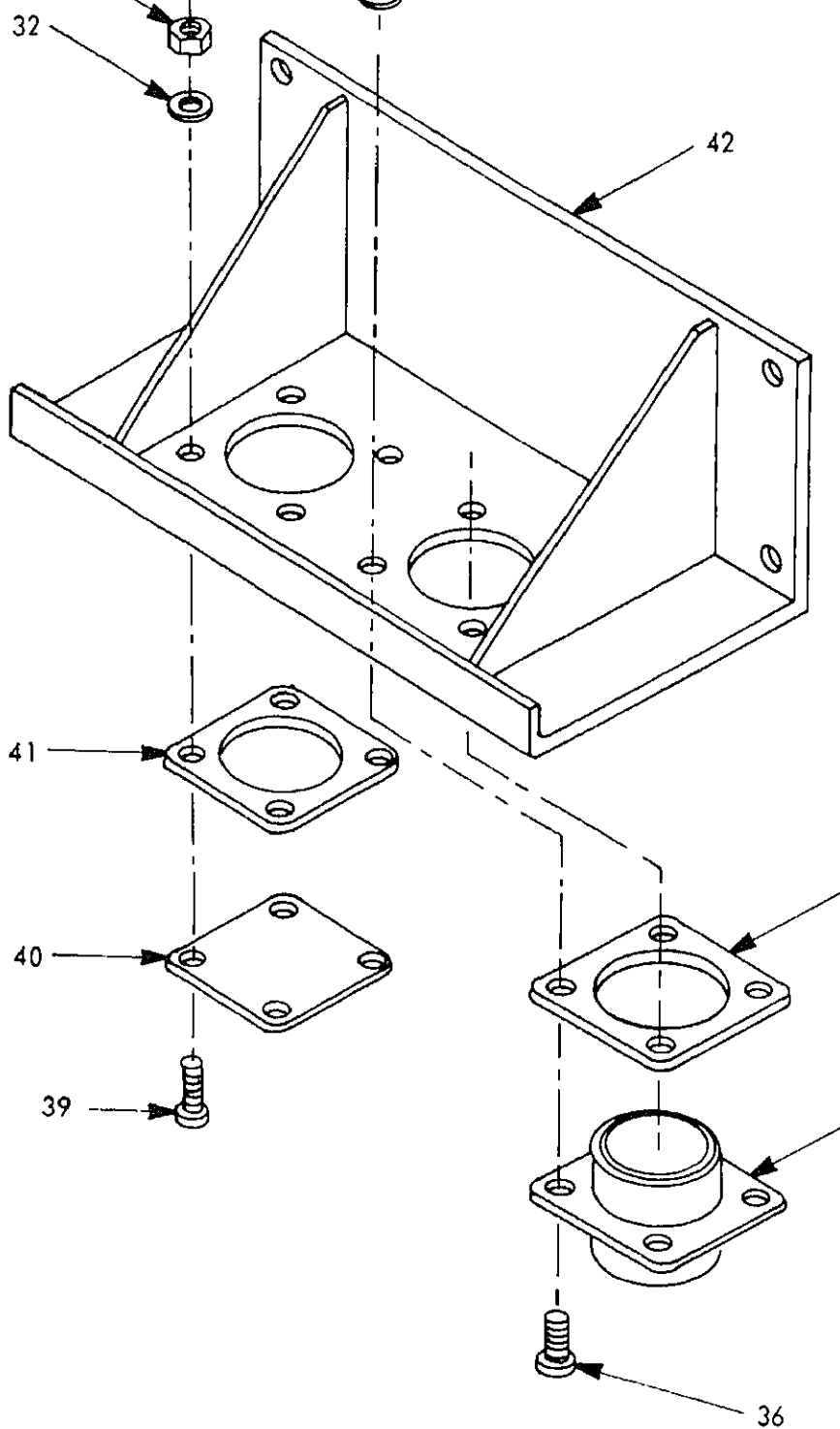
2	5	XBF22		1321128300-1	97403	GROMMET
2	6	PAO22	5310-00-889-2543	MS21045-04	96906	NUT, SELF-LOCKING
2	7	PAO22	5310-00-809-4058	MS27183-10	96906	WASHER, FLAT
2	8	PAO2L	6105-01-038-8309	1321423728-6	97403	MOTOR, ALTERNATING CURRENT
2	9	PAO22	5315-00-730-4577	MS20066-147	96906	KEY, MACHINE
2	10	PAO22	5305-00-957-2640	MS35191-294	96906	SCREW, MACHINE
2	11	PAO22	6150-00-929-5561	1322615802	97403	FAN, AXIAL, MULTI-WING
2	12	XBO22		1321128356	97403	ISOLATOR, MOTOR
2	13	PAO22	5310-00-809-4061	MS27183-15	96906	WASHER, FLAT
2	14	XBO22		1321128376-5	97403	SPACER, SLEEVE
2	15	PAO22	5305-00-881-0705	MS51975-17	96906	SCREW, SHOULDER
2	16	PAO22	5310-00-959-4675	MS35340-46	96906	WASHER, LOCK
2	17	PAO22	5310-00-080-6004	MS27183-14	96906	WASHER, FLAT
2	18	XBO22		1321128300-2	97403	GROMMET
2	19	PAO22	5310-00-401-1420	1321529824-1	97403	WASHER, FLAT





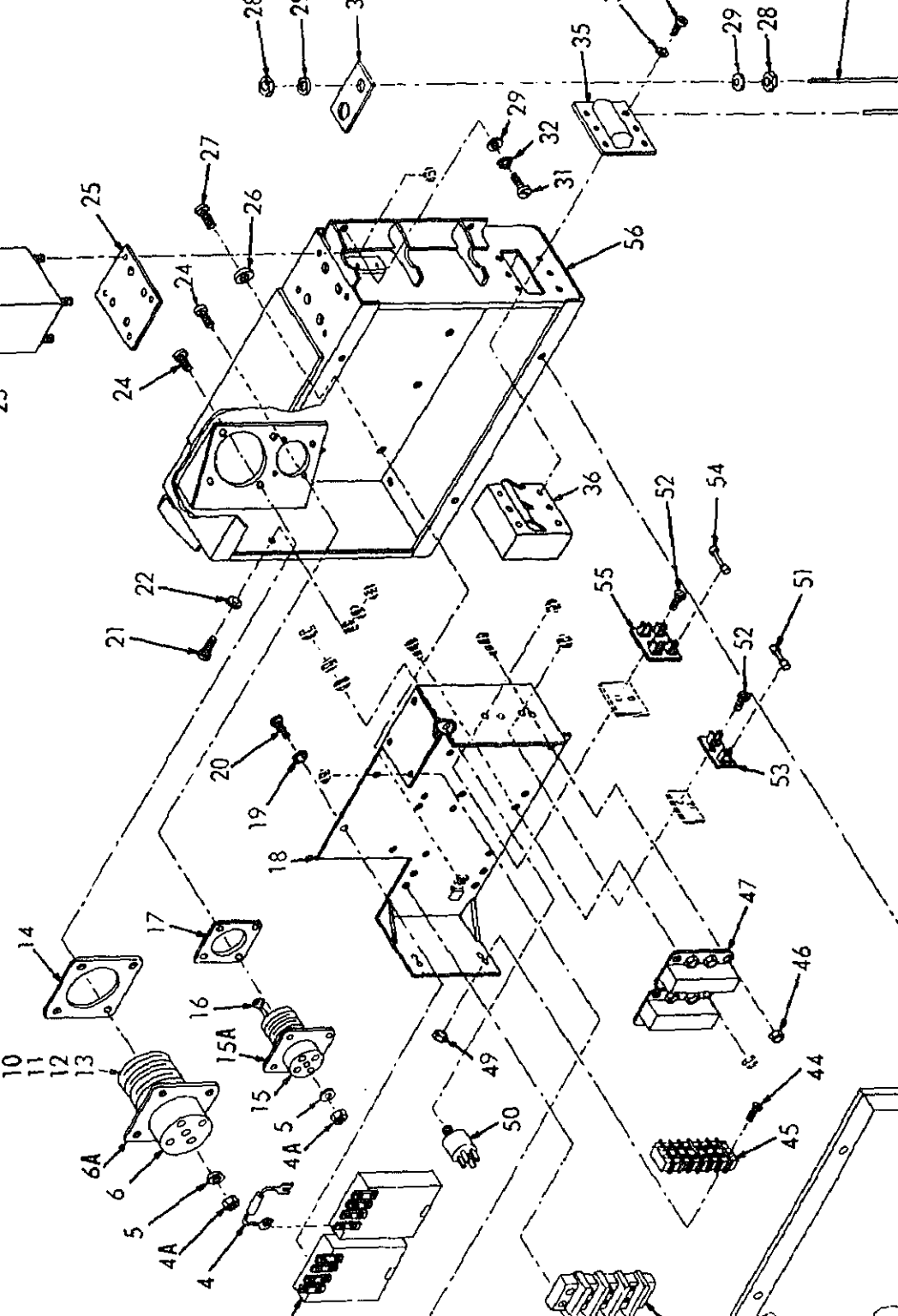






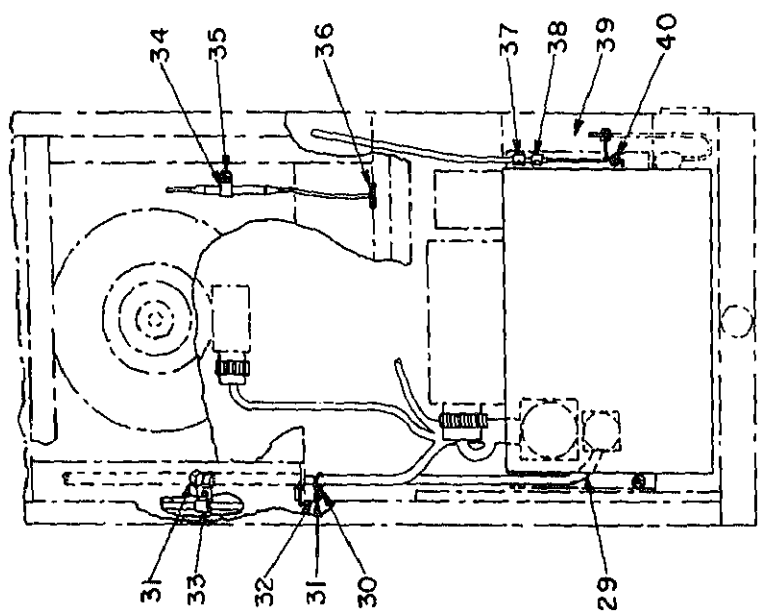
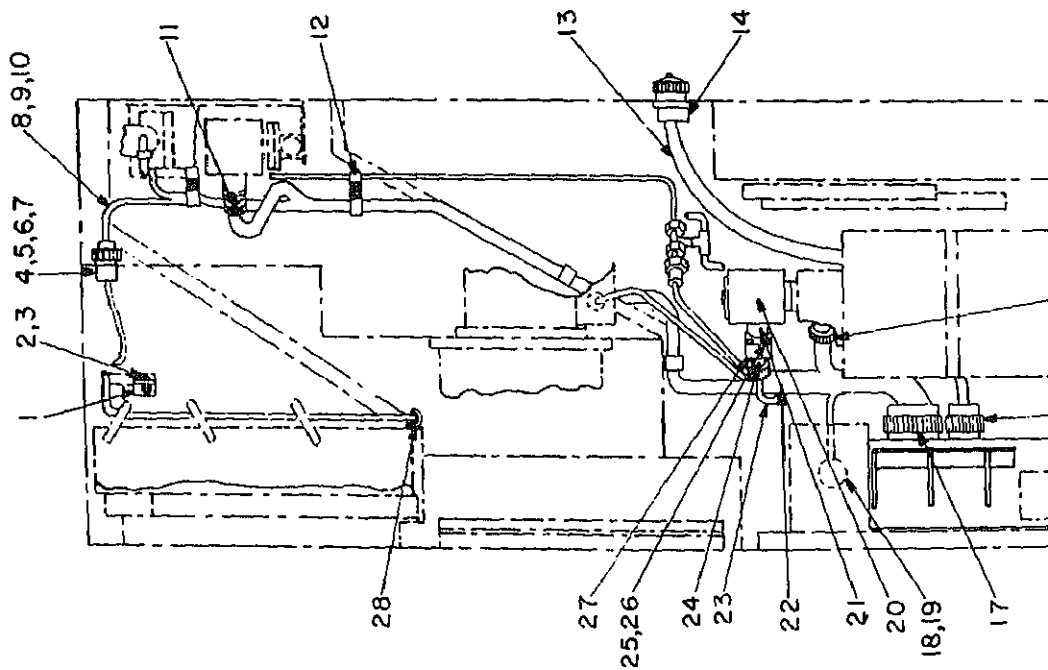
NO.	CODE	NUMBER	NUMBER	FSCM	
					GROUP 05 - ELECTRICAL CONTROLS
1	PA02E	5305-00-889-3001	13211E8353-1	97403	SCREW, MACHINE
2	PA02E	5935-00-818-7448	MB3102R28-11P	96906	CONNECTOR, RECEPTACLE
3	XBO2E		13215E9853	97403	WIRING HARNESS
4	XBO2E		MB51007-10	96906	GASKET
5	PA02E	5305-00-995-3444	MB35207-266	96906	SCREW, MACHINE
6	PA02E	5310-00-802-8544	MB15795-709	96906	WASHER, FLAT
7	XBO2E		MB25036-106	96906	TERMINAL LUG
8	PA02E	5940-00-141-4700	MB25036-108	96906	TERMINAL LUG
9	PA02E	5940-00-143-4774	MB25036-153	96906	TERMINAL LUG
10	XBO2E		13211E8288	97403	TERMINAL LUG
11	PA02E	5305-00-984-6195	MB35206-247	96906	SCREW, MACHINE
12	XBO2E		MB35489-1	96906	GROMMET, RUBBER
13	PA02E	5310-00-889-2549	MB21045-08	96906	NUT, PLAIN, HEXAGON
14	PA02E	5305-00-989-6265	MB35207-262	96906	SCREW, MACHINE
15	XBO2E		MB21105-6	96906	CLAMP, LOOP
16	XBO2E		13218E8494	97403	PANEL, REAR
17	PA02E	5930-00-923-4176	13211E8301-1	97403	THERMOSTAT
18	XBO2E		WTL23053-5	81349	INSULATION SLEEVING
19	PA02E	5905-00-252-1047	RCR32G274J8	81349	RESISTOR, FIXED 1W, 270K, 5%
20	PA02E	5930-00-236-2351	13216E6201	97403	SWITCH, ROTARY
21	PA02E	5310-00-080-6004	MB27183-14	96906	WASHER, FLAT
22	PA02E	5310-00-627-6128	MB35335-35	96906	WASHER, LOCK
23	PA02E	5930-00-683-1628	MB24523-22	96906	SWITCH, TOGGLE
24	XBO2E		13218E8493	97403	PANEL, CONTROL
25	PA02E	5310-00-061-7326	MB21045-3	96906	NUT, SELF-LOCKING
26	PA02E	5310-00-809-8546	MB27183-8	96906	WASHER, FLAT
27	PA02E	5310-00-934-9751	MB35650-302	96906	NUT, PLAIN, HEXAGON
28	XBO2E		13218E8495	97403	PLATE, INSTRUCTION
29	PA02E	5320-00-582-3304	MB20600AD4W2	96906	RIVET, BLIND
30	XBO2E		MB91528-2P48	96906	KNOB
31	PA02E	5310-00-889-2544	MB21045-06	96906	NUT, SELF-LOCKING
	PA02E	4130-00-550-2995	13215E9885	97403	BLOCK OFF ASSEMBLY
32	PA02E	5310-00-950-1310	MB27183-4	96906	WASHER, FLAT
33	PA02E	5310-00-889-2543	MB21045-04	96906	NUT, SELF-LOCKING
34	PA02E	5310-00-889-2544	MB21045-06	96906	NUT, SELF-LOCKING
35	PA02E	5310-00-082-1404	MB27183-6	96906	WASHER, FLAT
36	PA02E	5305-00-889-3001	MB35206-231	96906	SCREW, MACHINE
37	PA02E	5935-00-846-2328	MB3106R22-228	96906	CONNECTOR PLUG
38	PA02E	5330-00-828-3628	MB51007-10	96906	GASKET
39	PA02E	5305-00-983-6730	MB35206-218	96906	SCREW, MACHINE
40	XBO2E		13214E3471-5	97403	COVER
41	XBO2E		MB51007-8	96906	GASKET

[illegible]



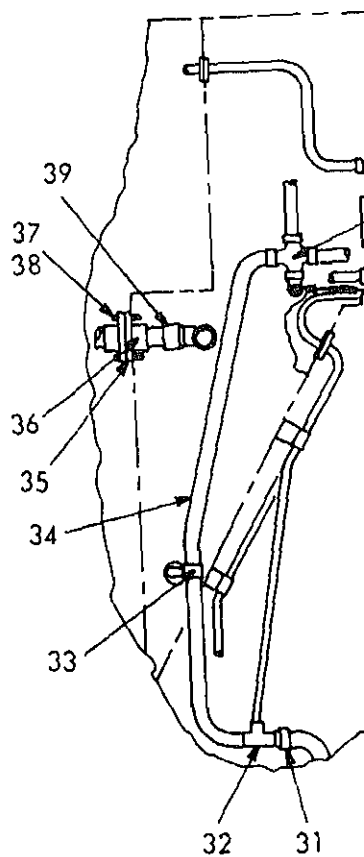
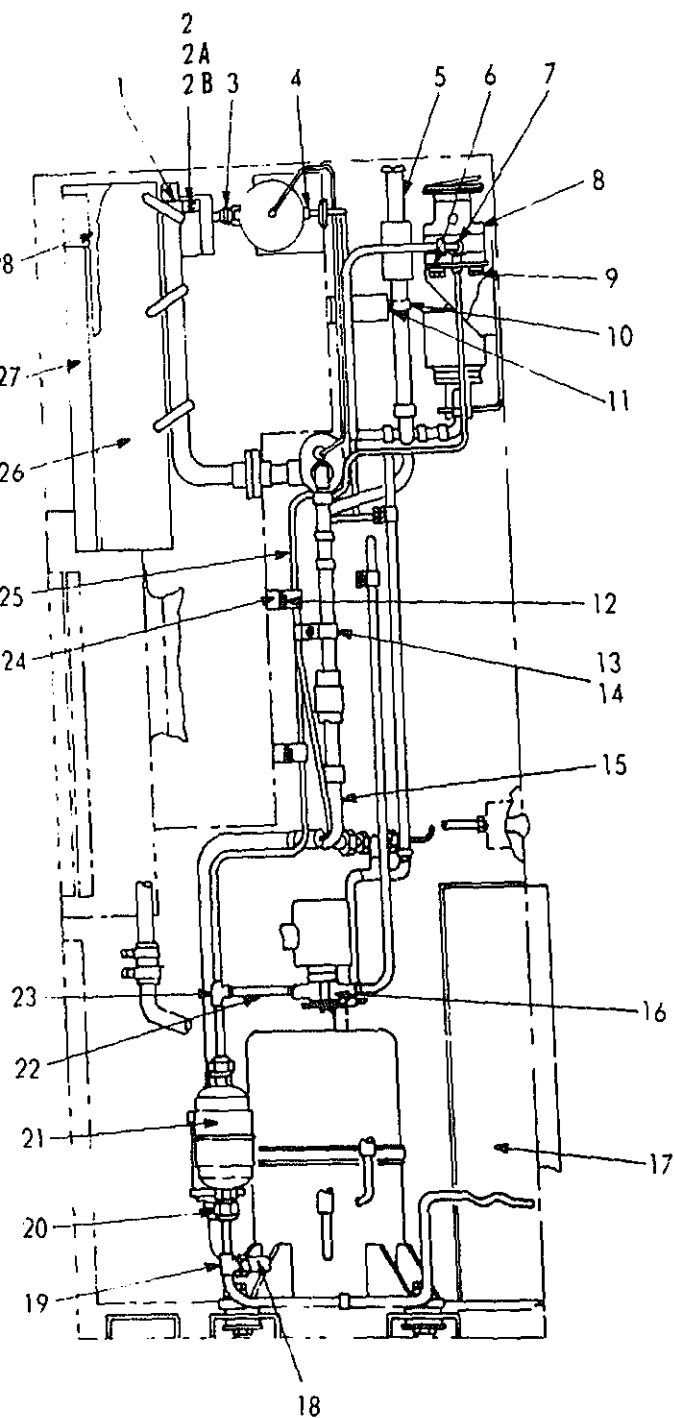
5	4	PA01E	5981-01-055-2188	13215E9881	96906	NUT, SELF-LOCKING
5	4A	PA01E	5310-00-889-2549	MS21045-08	96906	WASHER, FLAT
5	5	PA01E	5310-00-765-3197	MS27183-41	97403	WIRING HARNESS
5	6	XB01E		13215E9879	96906	CONNECTOR, RECEPTACLE
5	6A	PA01E	5935-00-824-7881	MS1102R36-75	97403	TERMINAL LUG
5	7	XB01E		13216E6191-2	97403	TERMINAL LUG
5	8	XB01E		13216E6191-3	97403	TERMINAL LUG
5	9	XB01E		13216E6192	96906	TERMINAL LUG
5	10	PA01E	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG
5	11	PA01E	5940-00-143-4780	MS15036-108	96906	TERMINAL LUG
5	12	PA01E	5940-00-143-4780	MS25036-108	96906	TERMINAL LUG
5	13	PA01E	5920-00-133-0451	MS25036-112	96906	TERMINAL LUG
5	14	XB01E		MS51007-13	96906	GASKET
5	15	XB01E		13215E9866	97403	WIRING HARNESS
5	15A	PA01E	5935-00-804-5816	MS1102R22-22P	96906	CONNECTOR, RECEPTACLE
5	16	PA01E	5925-00-133-0451	MS25036-112	96906	TERMINAL LUG
5	17	XB01E		MS51007-8	96906	GASKET
5	18	XB01E		13217E2368	97403	PANEL BOX
5	19	PA01E	5310-00-950-1310	MS27183-4	96906	WASHER, FLAT
5	20	PA01E	5305-00-983-6730	MS35206-218	96906	SCREW, MACHINE
5	21	PA01E	5305-00-985-3444	MS35207-266	96906	SCREW, MACHINE
5	22	PA01E	5310-00-014-5830	MS27183-42	96906	WASHER, FLAT
5	23	PA01E	5950-00-433-6017	13214E3818-6	97403	TRANSFORMER, POWER
5	24	PA01E	5305-00-984-6195	MS35206-247	96906	SCREW, MACHINE
5	25	XB01E		13214E3685-2	97403	INSULATOR, PLATE
5	26	XB01E		MS1523C3P	88044	PACKING, PREFORMED
5	27	PA01E	5305-00-989-6265	MS35207-262	96906	SCREW, MACHINE
5	28	PA01E	5310-00-934-9751	MS35650-302	96906	NUT, PLAIN, HEXAGON
5	29	PA01E	5310-00-880-9334	13211E8337	97403	WASHER, RETAINING
5	30	XB01E		13220E5616	97403	PLATE, CONNECTOR
5	31	PA01E	5305-01-018-5590	13214E3744MS	97403	SCREW, PANEL
5	32	PA01E	5310-00-550-1130	MS35333-40	96906	WASHER, LOCK
5	33	PA01E	5305-00-984-4982	MS35206-225	96906	SCREW, MACHINE
5	34	PA01E	5310-00-045-4007	MS35338-41	96906	WASHER, LOCK
5	35	XB01E		13215E9822	97403	COVER, CIRCUIT
5	36	PA01E	5925-00-236-2350	13216E26205-4	97403	CIRCUIT BREAKER
5	37	PA01E		13220E5615-1	97403	ARM, ACTUATOR
5	38	PA01E	5305-01-018-5590	13214E3744MS	97403	SCREW, PANEL
5	39	XB01E		MS1523C4P	80205	PACKING, PREFORMED

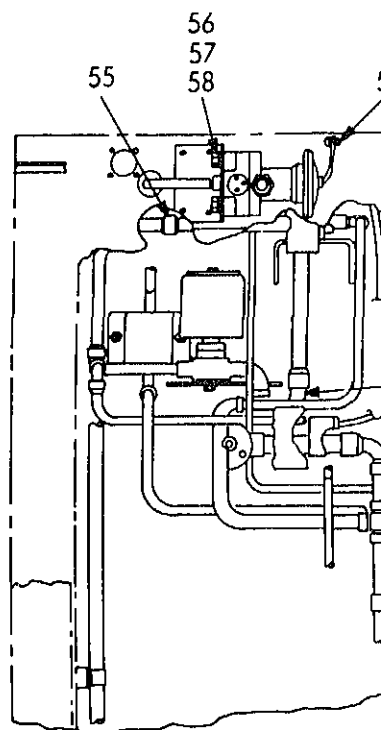
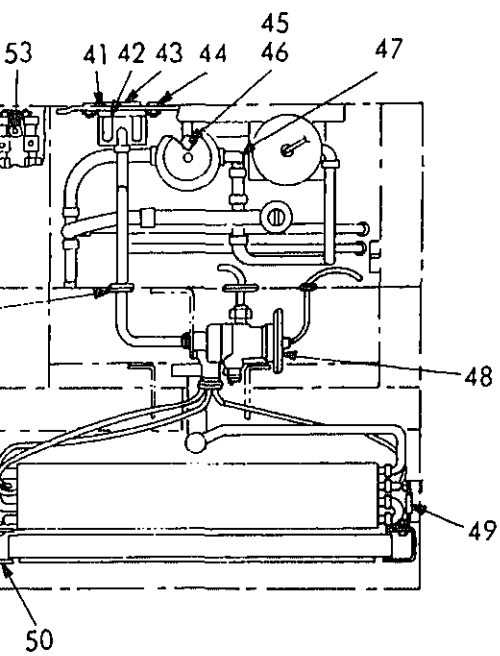
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XBOZZ		37786	81349	TERMINAL, BOARD
PAOZZ	5310-00-889-2549	MS21045-08	96906	NUT, SELF-LOCKING
PAOZZ	5945-00-549-6348	MS24192D1	96906	RELAY, ARMATURE
XBOZZ		13213E0636	97403	TERMINAL BOARD
PAOZZ	5310-00-889-2543	MS21045-04	96906	NUT, SELF-LOCKING
PAOZZ	5961-00-106-5259	13214E3652	97403	RECTIFIER
PAOZZ	5920-00-939-5442	13211E3785	97403	FUSE, CARTRIDGE
PAOZZ	5305-00-059-4552	MS35190-237	96906	SCREW, MACHINE
XBOZZ		13214E3811	97403	FUSE HOLDER
PAOZZ	5920-00-280-3175	F09B250V16-10A	81349	FUSE, CARTRIDGE
XBOZZ		13211E3784	97403	FUSE, HOLDER
XBOZZ		13217E2367	97403	JUNCTION BOX



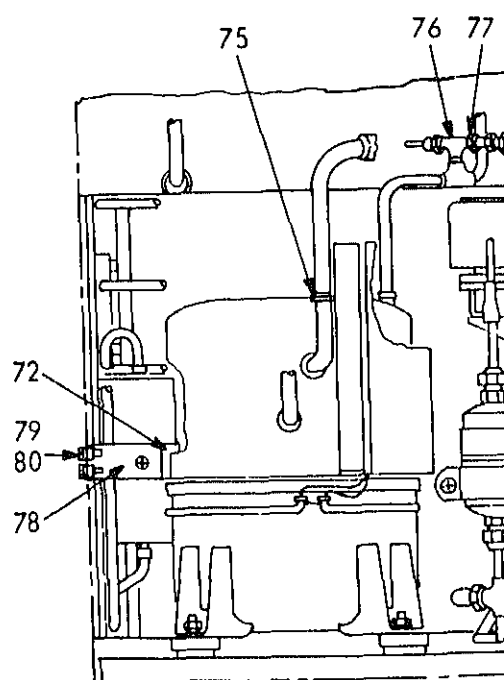
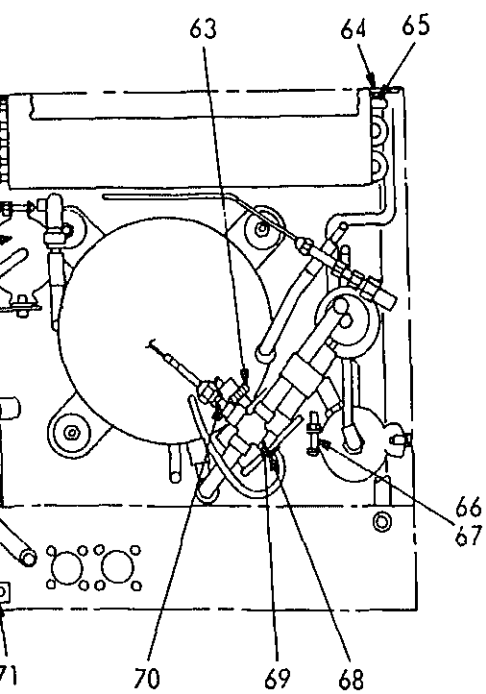


XBOZZ		13215F9919	97403	WIRING HARNESS
PAOZZ	5935-00-823-0272	MS3100R14S-6P	96906	CONNECTOR, RECEPTACLE
PAOZZ	5975-00-074-2072	MS3367-1-9	96906	STRAP, CABLE
PAOZZ	5940-00-143-4780	MS25036-108	96906	TERMINAL LUG
PAOZZ	5935-00-721-0488	MS3106R14S-6S	96906	CONNECTOR, PLUG
PAOZZ	5940-00-143-4774	MS25036-153	96906	TERMINAL LUG
PAOZZ	5975-00-074-2072	MS3367-1-9	96906	STRAP, CABLE
PAOZZ	5935-00-846-2329	MS3106R20-27S	96906	CONNECTOR, PLUG
PAOZZ	5340-00-253-5335	MS21104D2	96906	CLAMP, LOOP
XBOZZ		13215F9862	97403	WIRING HARNESS
PAOZZ	5935-00-846-2328	MS3106R22-22S	96906	CONNECTOR, PLUG
PAOZZ	5935-00-682-0552	MS3106R28-11S	96906	CONNECTOR, PLUG
PAOZZ	5935-00-853-2543	MS3100R22-22P	96906	CONNECTOR, PLUG
PAOZZ	5935-00-846-5602	MS3106R36-7P	96906	CONNECTOR, PLUG
PAOZZ	5935-00-816-8646	MS3106R20-15S	96906	CONNECTOR, PLUG
PAOZZ	5940-00-143-4777	MS25036-157	96906	TERMINAL LUG
PAPZZ	4810-00-433-0763	13214E3971	97403	VALVE, SOLENOID
XBFZZ		13214E0696	97403	ADAPTER
XBOZZ		13215E9918	97403	WIRING HARNESS
PAOZZ	5935-00-725-4638	MS3106R12S-3S	96906	CONNECTOR, PLUG
PAPZZ	5935-00-801-6615	MS3102R12S3P	96906	CONNECTOR, RECEPTACLE
PAOZZ	5305-00-984-4979	MS35206-222	96906	SCREW, MACHINE
PAOZZ	5310-00-088-0551	MS21044N04	96906	NUT, SELF-LOCKING
XBFZZ		MS51007-3	96906	GASKET
XBOZZ		13211E8227	97403	CLIP
XBOZZ		13217F2342	97403	WIRING HARNESS
PAOZZ	5305-00-995-3442	MS35207-268	96906	SCREW, MACHINE
PAOZZ	5340-00-105-8328	MS21104D6	96906	CLAMP, LOOP
XBOZZ		13211E8376-1	97403	SPACER, GLEEVE
PAOZZ	5340-00-106-0549	MS21104D4	96906	CLAMP, LOOP
PAOZZ	5340-00-143-0083	MS21104D5	96906	CLAMP, LOOP
PAOZZ	5305-00-984-6194	MS35206-246	96906	SCREW, MACHINE
XBOZZ		13211E8222	97403	GROMMET
PAOZZ	5340-00-078-3615	MS21322-33	96906	CLAMP, LOOP
PAOZZ	5305-00-990-6444	MS35207-261	96906	SCREW, MACHINE
XBFZZ		13219E2656	97403	BRACE
XBFZZ		13217E6817	97403	END FITTING

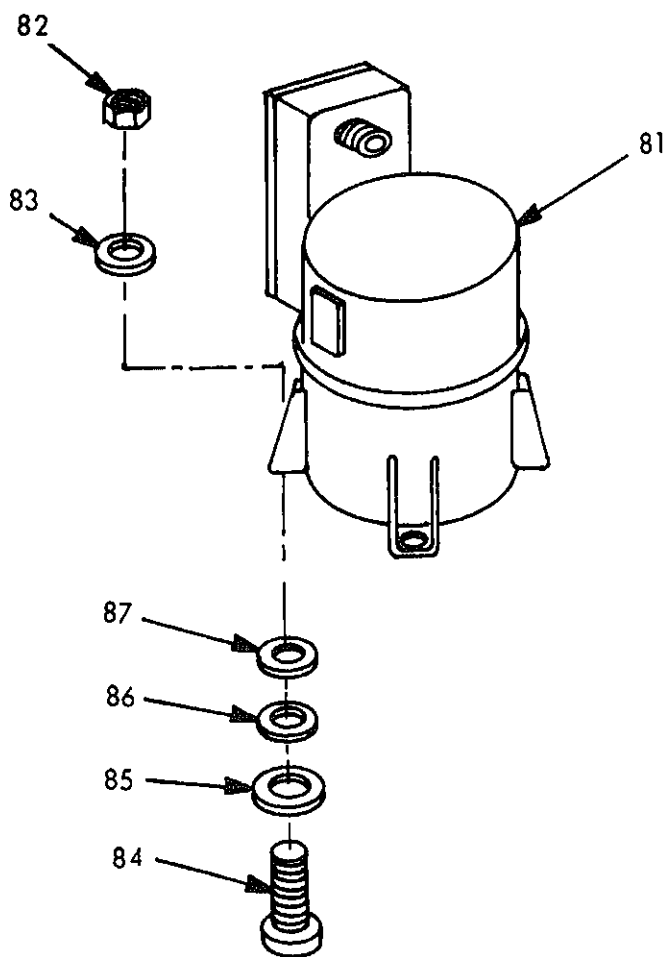




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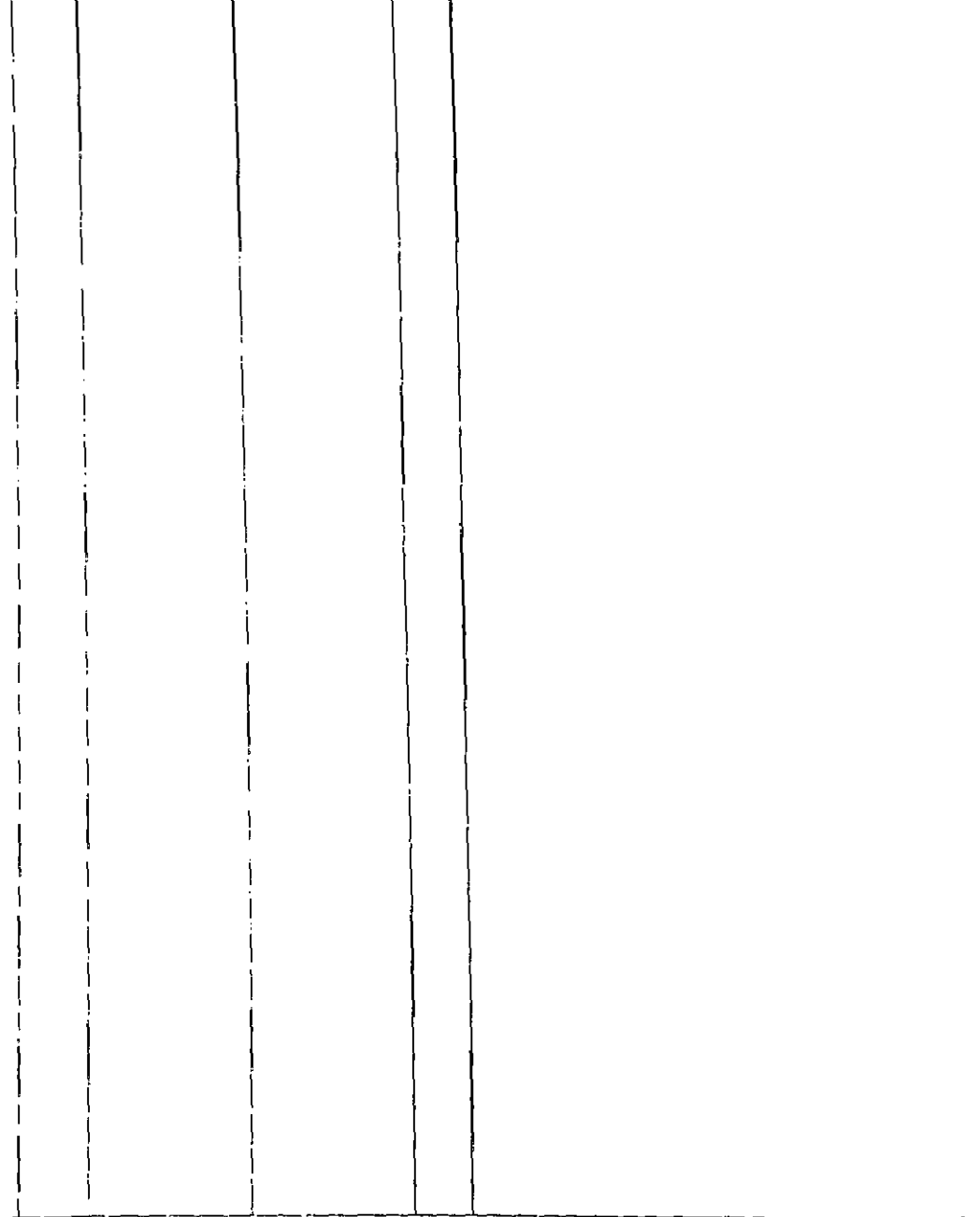


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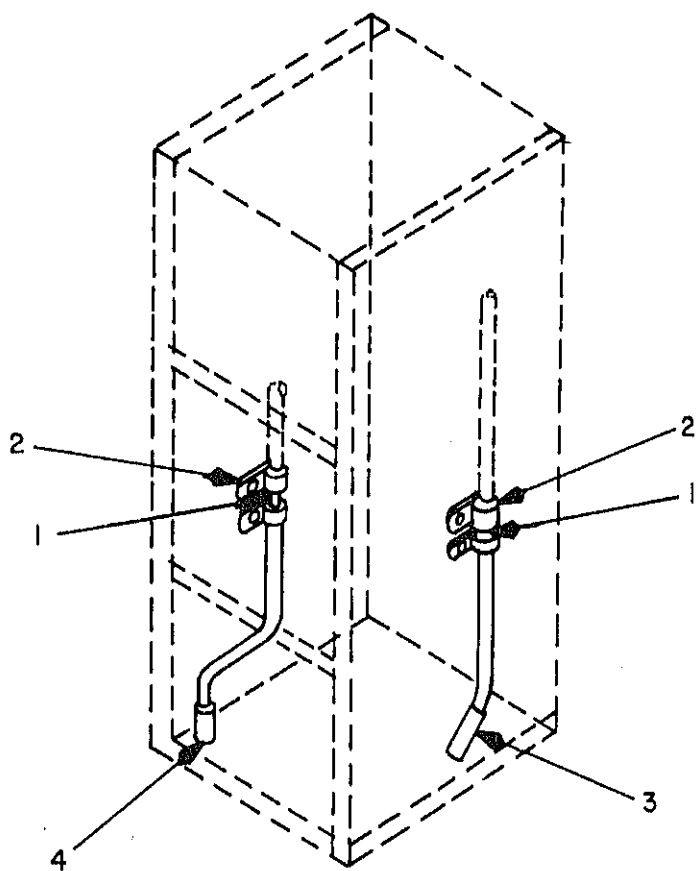
Figure 7. Refrigerant Piping and Components (Sheet 4 of

22	5310-00-045-3299	MS35338-42	96906	WASHER, LOCK
22		13214E3986	97403	DISTRIBUTOR
22	4730-00-189-2737	MS35872-2	96906	NUT, FLARE
22	4820-00-404-1517	13211E3800	97403	VALVE, PRESSURE
22		13211F8376-3	97403	SPACER, SLEEVE
22		13216E6176-2	97403	ELBOW, TUBE
22	4820-01-055-1283	13214E3785-1	97403	VALVE, EXPANSION
22	5310-00-087-7493	MS27183-13	96906	WASHER, FLAT
22		MS21315-22	96906	STRAP, RETAINING
22	5305-00-889-3000	MS35206-230	96906	SCREW, MACHINE
22	5305-00-995-3441	MS35207-269	96906	SCREW, MACHINE
22	5340-00-106-0551	MS21104D10	96906	CLAMP, LOOP
22		13211E3799-2	97403	BUSHING, SLEEVE
22		ASTMB280-625D1A	81346	TUBE
22		13214E4224-5	97403	VALVE ASSEMBLY
22	4130-00-550-2857	13215E9837	97403	COIL, CONDENSER
22	4820-00-073-8405	13211F8369	97403	VALVE, RELIEF
22		13214E3411-3	97403	TEF, PIPE
22	4730-00-189-2739	MS35872-3	96906	NUT, FLARE
22	4130-00-572-4709	13214E3793	97403	DRYERATOR
22		ASTMB280-375D1A	81346	TUBE
22		13211E4043-7	97403	TEF, PIPE
22		13211F8376-8	97403	SPACER
22		ASTMB280-250D1A	81346	TUBE
22	4130-00-550-2856	13215E9836	97403	COIL EVAPORATOR
22	4130-01-011-1217	13219E2647	97403	FILTERING PAD
22		13215E9889	97403	BRACKET, COIL
22		13211F8370	97403	CROSS, BOSS
22		13211E3799-3	97403	BUSHING, SLEEVE
22		13211F3799-5	97403	BUSHING, SLEEVE
22		13211F4043-12	97403	TEE-PIPE
22	5340-00-106-0550	MS21104D8	96906	CLAMP, LOOP
22		ASTMB280-500D1A	81346	TUBE
22		13211E8394-1	97403	O RING
22		13211E8233	97403	FLANGE
22	5310-00-582-5965	MS35338-48	96906	WASHER, LOCK
22	5305-00-978-9385	MS16997-62	96906	SCREW, CAP, HEXAGON HEAD
22		13216E6190-5	97403	ELBOW, TUBE
22		13219E9540	97403	CAP AND CHAIN

4130-00-073-0906	13211E8216	97403	BIGHT CLASP	
BF22	13211E9245	97403	BRACKET	
BF22	13214E4224-6	97403	VALVE ASSEMBLY	
BF22	NA8125363F	80205	PACKING, PREFORMED	
BF22	13216E6176-3	97403	ELBOW, TUBE	
AF22	4120-00-017-4248	13215E9839	97403	VALVE, EXPANSION
BF22	13215E9827	97403	BRACKET, COIL	
BO22	13219E2648	97403	BRACKET	
AO22	5303-00-989-7434	MS35207-263	96906	SCREW, MACHINE
AF22	5325-00-291-9366	MS35489-11	96906	GROMMET
AF22	4820-00-015-6690	13219E9499-1	97403	VALVE, SERVICE
AO22	5305-00-984-6193	MS35206-245	96906	SCREW, MACHINE
BF22	13211E3799-5	97403	BUSHING, SLEEVE	
AO22	5310-00-959-4675	MS35340-46	96906	WASHER, LOCK
AO22	5310-00-087-7493	MS27183-13	96906	WASHER, FLAT
AO22	5165-01-040-1488	13211E8376-3	97403	SPACER, SLEEVE
BF22	MS35489-1	96906	GROMMET	
BF22	13216E9963-2	97403	ELBOW, TUBE	
BF22	13215E9864-5	97403	ELBOW, TUBE	
BF22	13211E4043-20	97403	TEE, PIPE	
BF22	13211E3799-4	97403	ELBOW, TUBE	
BF22	13215E9887	97403	BRACKET, COIL	
AO22	5303-00-957-7812	MS246938272	96906	SCREW, MACHINE
AO22	5303-00-088-8923	MS35207-285	96906	SCREW, MACHINE
AO22	5310-00-043-0520	MS35650-3252	96906	NUT, PLAIN, HEXAGON
BF22	13211E3799-1	97403	BUSHING, SLEEVE	
BF22	13218E6857	97403	CROSS	
AO22	4730-01-022-3155	MS35919-23	96906	ADAPTER
BF22	13219E2654	97403	ANGLE	
BF22	13211E8406	97403	BRACKET, RECEIVER	
BF22	13215E9833	97403	RECEIVER	
BF22	13215E9888	97403	BRACKET, COIL	
BF22	13211E3799-8	97403	BUSHING, SLEEVE	
AO22	4730-00-289-4202	MS35871-2-2F	96906	TEE, PIPE
BF22	8AEJ513	81342	FITTING, TUBE	
BF22	13220E5619	97403	BRACKET, RECEIVER	
AO22	5310-00-582-5965	MS35338-44	96906	WASHER, LOCK
AO22	5303-00-993-2463	MS35207-281	96906	SCREW, MACHINE
AO22	4130-00-139-3372	13211E3799-6	97403	COMPRESSOR UNIT, REF
AO22	5310-00-880-7744	MS31967-5	96906	NUT, PLAIN, HEXAGON
AO22	5310-00-167-0767	AN970-5	88044	WASHER, FLAT







TM5-4120-35

XEO22	13219E2681	97403	DRAIN TUBE
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XBGZ2

13219E2681

197403

DRAIN TUBE

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5305-0C-995-3441	7	12	6105-01-038-8309	2
5305-0C-995-3442	6	30	5365-01-040-1488	7
5305-0C-995-3444	4	5	5915-01-051-2774	1
5305-0C-995-3444	5	21	5930-01-054-4128	6
4130-01-011-1217	7	27	5961-01-055-2188	5
5305-01-018-5590	5	31	4820-01-055-1283	7
5305-01-018-5590	5	38	4120-01-062-0698	1

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ASTMB280-375D1A	81346	7	22	MS3367-1-9	96906	6
ASTMB280-500D1A	81346	7	34	MS3367-1-9	96906	6
ASTMB280-625D1A	81346	7	15	MS35190-237	96906	5
FG9B250V16-10A	81349	5	54	MS35191-273	96906	1
MIL123953-5	81349	4	18	MS35191-294	96906	2
MS15795-710	96906	1	65	MS35206-217	96906	1
MS15795-769	96906	4	6	MS35206-218	96906	4
MS16997-62	96906	7	38	MS35206-218	96906	5
MS20066-143	96906	2	4	MS35206-219	96906	5
MS20066-147	96906	2	9	MS35206-222	96906	6
MS2042FA03-4	96906	1	30	MS35206-225	96906	5
MS2C470A04-6	96906	1	28	MS35206-227	96906	1
MS206C0A04W2	96906	4	29	MS35206-228	96906	5
MS206C0B4W	96906	5	42	MS35206-230	96906	7
MS206C0B4W4	96906	1	38	MS35206-231	96906	4
MS206C0B4W4	96906	1	45	MS35206-244	96906	6
MS21044H04	96906	6	26	MS35206-245	96906	1
MS2104403	96906	1	8	MS35206-245	96906	1
MS21045-3	96906	4	25	MS35206-245	96906	7
MS21045-04	96906	7	6	MS35206-245	96906	7
MS21045-04	96906	4	33	MS35206-246	96906	6
MS21045-04	96906	5	49	MS35206-247	96906	1
MS21045-06	96906	31	31	MS35206-247	96906	4
MS21045-06	96906	4	34	MS35206-247	96906	5
MS21045-08	96906	4	13	MS35206-248	96906	1
MS21045-08	96906	5	4A	MS35207-261	96906	6
MS21045-08	96906	5	46	MS35207-262	96906	4
MS2110402	96906	6	3	MS35207-262	96906	5
MS2110402	96906	6	12	MS35207-263	96906	7
MS2110404	96906	6	33	MS35207-264	96906	1
MS2110405	96906	6	34	MS35207-264	96906	1
MS2110406	96906	6	31	MS35207-266	96906	4
MS21104010	96906	7	13	MS35207-266	96906	5
MS21104012	96906	7	1	MS35207-268	96906	6
MS21105-6	96906	4	15	MS35207-269	96906	7
MS21115-22	96906	7	10	MS35207-281	96906	7
MS21122-33	96906	6	37	MS35207-285	96906	7
MS24192D1	96906	5	47	MS35333-40	96906	5
MS24523-22	96906	4	23	MS35335-35	96906	4
MS25036-106	96906	4	7	MS35338-40	96906	1
MS25036-108	96906	4	8	MS35338-41	96906	1
MS25036-153	96906	4	9	MS35338-41	96906	5
MS25036-108	96906	5	11	MS35338-42	96906	1
MS25036-153	96906	5	10	MS35338-42	96906	7
MS25036-108	96906	5	12	MS35338-43	96906	1
MS25036-112	96906	5	13	MS35338-44	96906	7
MS25036-117	96906	5	16	MS35338-48	96906	7
MS25036-108	96906	6	7	MS35340-46	96906	2
MS25036-153	96906	6	9	MS35340-46	96906	7
MS25043-220	96906	1	53	MS35489-1	96906	4
MS27183-4	96906	4	32	MS35489-1	96906	7
MS27183-4	96906	5	19	MS35489-6	96906	1
MS27183-6	96906	4	35	MS35489-11	96906	7
MS27183-8	96906	4	26	MS35649-242	96906	1
MS27183-10	96906	2	7	MS35649-282	96906	7
MS27183-13	96906	7	9	MS35650-302	96906	4
MS27183-13	96906	7	57	MS35650-302	96906	5
MS27183-14	96906	2	17	MS35650-3252	96906	7
MS27183-14	96906	4	21	MS35792-1	96906	1
MS27183-15	96906	2	13	MS35842-10	96906	8
MS27183-41	96906	1	7	MS35871-2-2P	96906	7
MS27183-41	96906	5	5	MS35872-2	96906	7
MS27183-42	96906	5	22	MS35872-3	96906	7
MS3102R1263P	96906	6	24	MS35919-23	96906	7
MS3106R126-3S	96906	6	23	MS31007-3	96906	6
MS3100R148-6P	96906	6	5	MS31007-8	96906	1
MS3106R148-68	96906	6	8	MS31007-8	96906	4
MS3106R22-22S	96906	4	37	MS31007-8	96906	5
MS3106R20-276	96906	6	11	MS31007-10	96906	4
MS3106R22-22P	96906	1		MS31007-10	96906	4
MS3102R22-22P	96906	5	15A	MS31007-13	96906	5

5	96906	7	82	13215E98022	97403	5	35
7	96906	2	15	13215E98023	97403	1	70
7	96906	1	64	13215E98024-1	97403	2	19
2P4B	96906	4	30	13215E98027	97403	7	49
3P	80205	7	46	13215E98025	97403	1	62
38P	80205	1	2	13215E98033	97403	7	23
3P	80205	5	26	13215E98036	97403	7	26
4P	80205	5	39	13215E98037	97403	1	26
1J8	81349	4	19	13215E98039	97403	7	17
	81349	7	77	13215E98041	97403	7	48
	81349	1	35	13215E98044	97403	1	69
	97403	2	8	13215E98047	97403	1	41
28-6	97403	7	68	13215E98051	97403	1	39
99-1	97403	7	14	13215E98052	97403	4	42
99-2	97403	7	30	13215E98053	97403	1	40
99-3	97403	7	63	13215E98054	97403	4	3
99-4	97403	7	31	13215E98057	97403	1	36
99-5	97403	7	55	13215E98058	97403	1	1
99-6	97403	7	75	13215E98060-4	97403	1	57
00	97403	7	5	13215E98064-5	97403	1	46
34	97403	5	55	13215E98065	97403	7	61
35	97403	5	51	13215E98066	97403	1	66
32	97403	2	3	13215E98068	97403	5	15
33-7	97403	7	23	13215E98070-3	97403	2	2
33-12	97403	7	32	13215E98079	97403	1	29
33-20	97403	7	62	13215E98081	97403	5	6
36	97403	7	84	13215E98085	97403	5	4
39	97403	7	81	13215E98087	97403	6	1
39	97403	7	85	13215E98088	97403	4	
70	97403	7	87	13215E98089	97403	7	64
33	97403	1	63	13215E98092	97403	7	74
33	97403	1	51	13215E98093	97403	7	28
35	97403	1	34	13215E98099-17	97403	1	4
35	97403	1	42	13215E98099-10	97403	5	40
36	97403	1	43	13215E98105-4	97403	1	32
38	97403	7	43	13215E98105-4	97403	1	16
41	97403	2	1	13215E98105-4	97403	1	44
42	97403	6	36	13215E98105-4	97403	6	22
44	97403	1	71	13215E98105-4	97403	6	4
47	97403	6	28	13215E98105-4	97403	5	3
43	97403	7	36	13215E98105-4	97403	7	7
42	97403	7	42	13215E98105-4	97403	7	47
45	97403	7	41	13215E98105-4	97403	5	2
45	97403	7	44	13215E98105-4	97403	7	39
48	97403	4	10	13215E98105-4	97403	5	8
10-1	97403	2	5	13215E98105-4	97403	5	7
10-2	97403	2	18	13215E98105-4	97403	5	9
11-1	97403	4	17	13215E98105-4	97403	4	20
33	97403	8	1	13215E98105-4	97403	5	36
7	97403	1	25	13215E98105-4	97403	1	74
7	97403	5	29	13215E98105-4	97403	7	60
7	97403	5	41	13215E98105-4	97403	5	43
9	97403	7	18	13215E98105-4	97403	6	29
3-1	97403	3	2	13215E98105-4	97403	1	20
3-1	97403	4	1	13215E98105-4	97403	1	18
6	97403	2	12	13215E98105-4	97403	1	19
0	97403	7	29	13215E98105-4	97403	1	31
6-2	97403	6	32	13215E98105-4	97403	1	6
6-3	97403	7	6	13215E98105-4	97403	1	23
6-3	97403	7	58	13215E98105-4	97403	5	56
6-5	97403	2	14	13215E98105-4	97403	5	18
6-8	97403	7	24	13215E98105-4	97403	1	58
6	97403	1	17	13215E98105-4	97403	1	48
4-1	97403	7	35	13215E98105-4	97403	6	40
6	97403	1	33	13215E98105-4	97403	1	37
4	97403	1	73	13215E98105-4	97403	7	69
6	97403	7	72	13215E98105-4	97403	1	9
6	97403	5	46	13215E98105-4	97403	1	27
1-3	97403	7	19	13215E98105-4	97403	1	22
6	97403	3	1	13215E98105-4	97403	4	14
1-5	97403	1	15	13215E98105-4	97403	4	16
1-2	97403	1	59	13215E98105-4	97403	4	28
1-5	97403	4	40	13215E98105-4	97403	7	27
7-2	97403	1	5	13215E98105-4	97403	7	50
2	97403	5	50	13215E98105-4	97403	7	71
5-2	97403	5	25	13215E98105-4	97403	1	67
4W34	97403	1	24	13215E98105-4	97403	6	39
4W5	97403	5	31	13215E98105-4	97403	8	4
4W5	97403	5	38	13215E98105-4	97403	8	3
5-1	97403	7	8	13215E98105-4	97403	7	53
3-6	97403	7	21	13215E98105-4	97403	7	40
1	97403	5	23	13215E98105-4	97403	5	37
5-5	97403	5	53	13215E98105-4	97403	5	30
4-5	97403	7	3	13215E98105-4	97403	1	47
1-6	97403	7	16	13215E98105-4	97403	1	10
9	97403	7	45	13215E98105-4	97403	7	76
	97403	1	76	13215E98105-4	97403	2	11
				37T86	81349	5	45

uted in accordance with DA Form 12-25C, Operator Maintenance Requirements for  
ment, Air Conditioners, 18,000 BTU.

☆ U.S. GOVERNMENT PRINTING OFFICE : 1989 O - 242-451 (053

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TM 5-4120-350-24P

DATE

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**Weights**

= 10 milligrams = .15 grain  
 = 10 centigrams = 1.54 grains  
 decigrams = .035 ounce  
 = 10 grams = .35 ounce  
 = 10 dekagrams = 3.52 ounces  
 = 10 hectograms = 2.2 pounds  
 100 kilograms = 220.46 pounds  
 = 10 quintals = 1.1 short tons

1 sq. centimeter = 100 sq. millimeters = .155 sq.  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq.  
 1 sq. meter (centare) = 100 sq. decimeters = 10.  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4  
 1 sq. hectometer (hectare) = 100 sq. dekameters  
 1 sq. kilometer = 100 sq. hectometers = .386 sq.

**Cubic Measure**

1 cu. centimeter = 1000 cu. millimeters = .06 cu.  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu.  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

**Approximate Conversion Factors**

<i>To</i>	<i>Multiply by</i>	<i>To change</i>	<i>To</i>
centimeters	2.540	ounce-inches	newton-meters
meters	.305	centimeters	inches
meters	.914	meters	feet
kilometers	1.009	meters	yards
square centimeters	6.451	kilometers	miles
square meters	.093	square centimeters	square inches
square meters	.836	square meters	square feet
square kilometers	2.590	square meters	square yards
square hectometers	.405	square kilometers	square miles
cubic meters	.028	square hectometers	acres
cubic meters	.765	cubic meters	cubic feet
milliliters	29.573	cubic meters	cubic yards
liters	.473	milliliters	fluid ounces
liters	.946	liters	pints
liters	3.785	liters	quarts
grams	28.349	liters	gallons
kilograms	.454	grams	ounces
metric tons	.907	kilograms	pounds
newton-meters	1.356	metric tons	short tons
newton-meters	.11375		

**Temperature (Exact)**

<b>°F</b>	<b>Fahrenheit temperature</b>	<b>5/9 (after subtracting 32)</b>	<b>Celsius temperature</b>	<b>°C</b>
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